Title (en)

OVERBASED METAL-CONTAINING DETERGENTS.

Title (de)

UEBERBASISCHES, METALLENTHALTENDES DETERGENS.

Title (fr)

DETERGENTS SURBASIQUES CONTENANT DES METAUX.

Publication

EP 0604474 A1 19940706 (EN)

Application

EP 92918587 A 19920905

Priority

- EP 9202069 W 19920905
- GB 9120038 A 19910919

Abstract (en)

[origin: WO9306195A1] Ultrasound is used in the preparation of overbased metal-containing detergents, for example, overbased sulphonates or phenates of calcium or magnesium, suitable for use as additives for oil-based compositions, for example, lubricating oils and fuels. The use of ultrasound may, for example, reduce sediment levels, reduce the amount of waste material to be disposed of, reduce the amount of product lost during filtration, and/or increase filtration rates.

Abstract (fr)

On utilise des ultrasons pour préparer des détergents surbasiques contenant des métaux, par exemple des sulfonates ou phénates surbasiques de calcium ou de magnésium, adaptés pour servir d'additifs pour les compositions à base d'huile, par exemple les huiles lubrifiantes et les combustibles. L'utilisation des ultrasons peut, par exemple, réduire les dépôts, réduire la quantité de déchets à évacuer, diminuer les pertes de produit pendant le filtrage, et/ou augmenter la vitesse de filtrage.

IPC 1-7

C11D 11/00; C10M 159/24; C10M 159/22

IPC 8 full level

C10L 1/12 (2006.01); **C10L 1/183** (2006.01); **C10L 1/24** (2006.01); **C10L 10/08** (2006.01); **C10M 159/20** (2006.01); **C10M 159/22** (2006.01); **C10M 159/24** (2006.01); **C10M 177/00** (2006.01); **C11D 11/04** (2006.01); C10N 10/02 (2006.01); C10N 10/04 (2006.01); C10N 30/04 (2006.01); C10N 40/25 (2006.01); C10N 50/10 (2006.01); C10N 60/00 (2006.01); C10N 70/00 (2006.01)

CPC (source: EP)

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Citation (search report)

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EP 9202069 W 19920905; CA 2119245 A 19920905; DE 69212322 T 19920905; EP 92918587 A 19920905; GB 9120038 A 19910919; JP 50573693 A 19920905